

Title (en)

VISUAL AND SAFETY PREVENTION SYSTEM FOR DRIVERS

Title (de)

VISUELLES UND SICHERHEITSSCHUTZSYSTEM FÜR FAHRER

Title (fr)

SYSTÈME DE PRÉVENTION VISUELLE ET DE SÉCURITÉ POUR CONDUCTEURS

Publication

EP 3681327 A1 20200722 (EN)

Application

EP 18785458 A 20180912

Priority

- IT 201700103462 A 20170915
- IT 2018050167 W 20180912

Abstract (en)

[origin: WO2019053756A1] A telematic system of visual and safety prevention active for users or drivers of vehicles, such as motorcyclists (1), cyclists, users of e-bikes, skiers, etc., comprising a first electronic device (10) positioned on the helmet (300) of the user and comprising of an electronic circuit (11) with processor (12) equipped with dedicated management software and firmware, Bluetooth (13), GPS (14), gyroscope (16), SIM (15), transmitter (17), accelerometer (21) audio chip and loudspeaker (18), motion sensor (19) and connection device to an electronic board (20) comprising a series of signaling LEDs (20A, 20B, 20C), and a second electronic device (50A, 50B), which communicates with the first electronic device (10), positioned on the glove (60A) or on a smart bracelet (90) of a user and comprising of an electronic circuit (51) with processor (52) provided with dedicated management software and firmware, Bluetooth (53), GPS (54), gyroscope (56), RFID reader (57), oscillometer (55) and accelerometer (58). The electronic circuit (51) is connected to a series of pressure sensors (61) and to a magnetic field sensor (62), associated to the glove (60A) or to a thimble in latex or other material (60B) and associated with two magnets (102, 103) with opposite poles fixed to the buttons of a switch (101) of the vehicle direction arrows.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2019053756A1

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